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	Application No.	Applicant(s)	
Notice of Allowability	09/614,407	ZHENG ET AL.	
	Examiner	Art Unit	
	Brian L. Mutschler	1753	
The MAILING DATE of this communication appear All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RI	(OR REMAINS) CLOSED in this or other appropriate communications. This application is subjection.	s application. If not inclu ation will be mailed in du	ded e course THIS
1. This communication is responsive to request for continued	examination filed June 24, 2004	<u>4</u> .	
2. The allowed claim(s) is/are 85-101.			
3. \boxtimes The drawings filed on <u>03 November 2003</u> are accepted by	the Examiner.		
4. ☐ Acknowledgment is made of a claim for foreign priority unall all b) ☐ Some* c) ☐ None of the: 1. ☐ Certified copies of the priority documents have).	
2. ☐ Certified copies of the priority documents have been received in Application No			
Copies of the certified copies of the priority doc	The second secon		ation from the
International Bureau (PCT Rule 17.2(a)).		e rialieriai elage applie	anon nom the
* Certified copies not received:	Comment of the second		
Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONM THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.	of this communication to file a re ENT of this application.	eply complying with the re	equirements
5. A SUBSTITUTE OATH OR DECLARATION must be submi INFORMAL PATENT APPLICATION (PTO-152) which give	itted. Note the attached EXAMINes reason(s) why the oath or dec	IER'S AMENDMENT or laration is deficient.	NOTICE OF
6. CORRECTED DRAWINGS (as "replacement sheets") mus	t be submitted.		
(a) ☐ including changes required by the Notice of Draftspers	on's Patent Drawing Review (P	TO-948) attached	
1) ☐ hereto or 2) ☐ to Paper No./Mail Date			
(b) ☐ including changes required by the attached Examiner's Paper No./Mail Date	Amendment / Comment or in the	ne Office action of	
Identifying indicia such as the application number (see 37 CFR 1. each sheet. Replacement sheet(s) should be labeled as such in the	84(c)) should be written on the dr	awings in the front (not th	e back) of
7. DEPOSIT OF and/or INFORMATION about the depos attached Examiner's comment regarding REQUIREMENT F	sit of BIOLOGICAL MATERIA	L must be submitted	Note the
Attachment(s)	- -		
1. Notice of References Cited (PTO-892)		al Patent Application (PT	O-152)
2. Notice of Draftperson's Patent Drawing Review (PTO-948)	6.		
 Information Disclosure Statements (PTO-1449 or PTO/SB/08 Paper No./Mail Date 20040503; 20040624 	3), 7. Examiner's Ame	ndment/Comment	
4. Examiner's Comment Regarding Requirement for Deposit	8. X Examiner's State	ement of Reasons for All	owance
of Biological Material	9. 🗌 Other		

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REASONS FOR ALLOWANCE

1. The following is an examiner's statement of reasons for allowance to supplement the reasons for allowance in the Office actions mailed October 20, 2003:

The information disclosure statements submitted on May 3, 2004, and June 24, 2004, have been considered. The IDS filed June 24, 2004, duplicates many of the references cited on the IDS submitted May 3, 2004. In addition, several references had previously been considered and cited in prior actions and/or IDS.

In addition to the reasons set forth in the Office action mailed October 20, 2003, the instant claims are also distinguished over U.S. Pat. No. 5,456,819 (Lashmore et al.). US '819 discloses a method for electrodepositing metal on a substrate, wherein the substrate is immersed in the electroplating solution while a potential is applied. After immersion, the potential is changed to a deposition potential and the substrate is plated. However, US '819 neither teaches nor suggests ramping the current as the substrate is immersed.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

2. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Brian L. Mutschler whose telephone number is (571)

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272-1341. The examiner can normally be reached on Monday-Friday from 7:30am to 4:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nam Nguyen can be reached on (571) 272-1342. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

BLM

September 20, 2004

NAM NGUYEN)
SUPERVISORY PATENT EXAMINITECHNOLOGY CENTER 1700